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This manual applies to several TV set models. Some features may not be available on the model you purchased. Refer to the feature table provided with this manual to find out the main features of the relevant model.

Optional functions are indicated by the following symbol:

The model number of your TV set is on a label at the back of the set and on the cover of this manual.

This publication is printed on recycled paper.

Chapter 1 Getting started

Important information

Safety

Ensure that your domestic mains supply voltage matches the voltage indicated on the identification sticker located at the back of your set.

The TV set's components are sensitive to heat. The **maximum ambient temperature** should not exceed **35° Celsius**. Do not cover the vents at the back or sides of the TV set. Leave sufficient space around it to allow adequate ventilation.

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Moisture in rooms where the set is installed should not exceed **85%** humidity. If you have to use the TV set outdoors, **do not expose it to rain or splashing water**. Moving the set from a cold place to a warm one can cause condensation on the screen (and on some components inside the TV set). Let the condensation evaporate before switching the TV set on again.

If you intend to be **away for a long period**, switch the TV set off at the on/off switch. Even when off, some components remain in contact with the mains electricity supply. To completely isolate the set you must remove the plug from the mains supply socket.

During **thunderstorms**, we recommend that you disconnect the TV set from the mains and aerial so that it is not affected by electrical or electromagnetic surges that could damage it. For this reason, keep the **mains and aerial sockets** accessible so they can be **disconnected**, if necessary.

Unplug the TV set immediately if you notice it giving off a **smell of burning** or **smoke**. You must never, under any circumstances, open the TV set yourself, as you run the risk of an **electric shock** in doing so.

The TV set is provided with adequate shielding to avoid generating **X-ray** emissions externally. Work carried out by **unqualified persons**, modifications to the high voltage or replacement of the tube with a model not complying with the manufacturer's recommendations may cause a sharp **increase in X-ray emissions**. A set modified in this way no longer meets the original specifications and should not be switched on again.

THOMSON disclaims any liability if the TV set is not used in accordance with this manual.

Care

Use a glass-cleaning product to clean the screen and a soft cloth and mild detergent to clean the rest of the set.

Dust the vents at the back and sides regularly. Using solvents, abrasive or alcohol-based products could damage the TV set.

Demagnetisation

Speakers with poor magnetic insulation or the presence of any other large magnetic field sources in the vicinity may cause **patches of colour** to appear on the screen.

To get rid of this effect, move any magnetic field source away from the TV set, switch the set off using the on/off switch and wait 15 minutes before switching it on again.

In the interest of improving the quality of our products, we reserve the right to modify their features. The information in this manual is, therefore, subject to change and does not represent any kind of contract.

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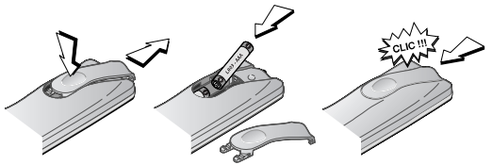
Switching on

Follow the instructions on this page on how to switch on your TV set and the remote control before going on to following pages describing how to use the remote control and the channel set-up procedure.



1. Insert two LR03 or AAA batteries in the remote control.

Precautions on using batteries:

- Only use the battery types specified.

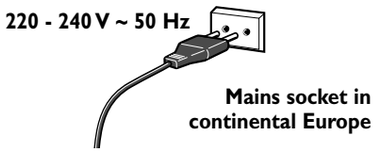
- Make sure you use the correct polarity.

- Do not mix new and used batteries.

- Do not use rechargeable batteries.

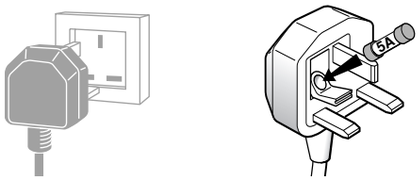
- Do not expose batteries to excessive heat, throw them in a fire, recharge them or try to open them, as this could cause them to leak or explode.

- Remove the batteries from the remote control if you are not using it for a long period of time (several weeks).



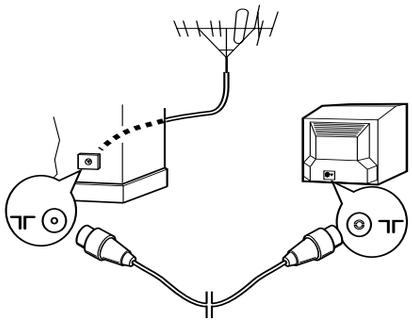
2. Connect the TV set to a mains socket.

Your TV set should only be connected to a 220 - 240 V ~ 50 Hz AC supply. It must not be connected to a DC supply. If the plug is detached from the cable, do not, under any circumstances, connect it to a mains socket, as there is a risk of electric shock.



Equipment for the UK and Ireland is supplied with a mains cable fitted with a moulded plug.

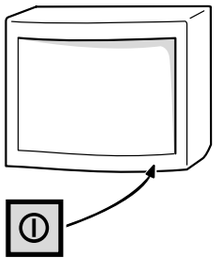
This plug contains safety components and must not be replaced by one sold by general retailers. It is fitted with a fuse that protects your television. If your set has stopped working, the fuse may have blown. If it has, replace it with an identical ASTA or BSI certified (BS1362) 5-amp fuse.



3. Connect the outside aerial or cable network to the ⊓ socket at the back of the TV set.

The aerial socket (75 Ohms - VHF / UHF / cable) can be used for connecting an external aerial or other equipment fitted with a modulator (video recorder, satellite receiver, etc.).

We recommend that you do not connect other equipment (video recorder, satellite receiver, etc.) to your TV set to begin with, so as not to complicate the set-up procedure with the additional steps involved. Connect them when you have finished setting up the channels by referring to page 14 of this manual.



4. Switch the TV on by pressing the on/off button ⏻ on the front.

You will find a description of how to use the remote control on page 4. Then go to page 6 for information on the initial set-up, or to page 7 for information on manual set-up (if the channels have already been set up on your TV).

Please respect the environment and the relevant regulations. Before you dispose of batteries (or accumulators), ask your dealer whether they require special recycling and if he is able to take them back.

Getting started

Remote control TV functions

Most of your television's functions are available via the menus that appear on the screen. The remote control supplied with your set can be used to navigate through the menus and to configure all the general settings. The remote control and its functions may vary depending on the model of television. The rest of this page contains the description of the most comprehensive remote control. Optional remote control features are indicated by the symbol ⚐.

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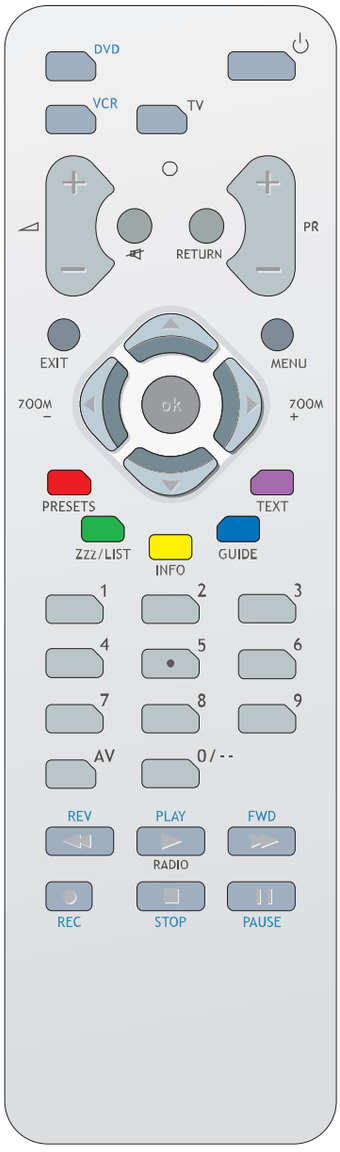

⏻	Standby / quit standby.
⚐ **DVD**	To access DVD mode.
⚐ **VCR**	To access VCR mode.
⚐ **TV**	To access TV mode. Press this button to control the television. If you do not have this button on your remote control, it means that you can access the TV functions directly, without pressing a button beforehand.
⚐ **light**	To provide information: - it lights up when you press a button, - it indicates the status when the remote control is being programmed (see page 5), - if the batteries are run down, it flashes when you press a button.
◿ **+/-**	To control the volume. This function is also available in **VCR** and **DVD** modes.
🔇	To switch the sound off and back on again.
RETURN	To return to the previous menu.
PR+/PR-	To change channels.
EXIT	To close a menu.
MENU	To access the OVERVIEW menu.
▲ ▼	To select menu options.
◀ ▶	To set functions, change values, enable and disable functions. 4/3 models: to select the picture format 16/9 models: to select the zoom function.
OK	To confirm a selection.
	Coloured buttons:
PRESETS	(red button) picture preset settings
Zzz/LIST	(green button) sleep timer
INFO	(yellow button) status information
GUIDE	(blue button) *disabled in TV mode*
TEXT	(purple button) Teletext
The coloured buttons can also be used for operating Teletext.	
0-9	To select a channel by its number. In the case of channel numbers with two digits: - press the two digits quickly, or - press 0 twice to display "--", then enter the channel number.
AV	To select an appliance connected to an AV socket.
⚐ **RADIO**	To access Radio mode.

Important:
If the batteries in your remote control are run down, you can use the buttons on the front of your set, as they have the same functions as those on the remote control.

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Using the remote control for other equipment

The remote control supplied with your television may vary depending on the model you have chosen. Some remote controls can be used for other equipment, such as video recorders or DVD players. This page provides information concerning the remote control's use with some of these other types of equipment.

	VCR	DVD
VCR	Press the **VCR** button	
DVD		Press the **DVD** button
⏻	On/Standby	On/Standby
MENU	To display the main menu	To display the main menu
▲ ▼	Vertical scrolling in menus	Vertical scrolling in menus
◀ ▶	Horizontal scrolling in menus	Horizontal scrolling in menus
OK	To confirm an action	To confirm an action
EXIT	To close a menu	To close a menu
0-9	To directly access channels or enter numeric values	To enter numeric values or select options in menus
PR+/PR-	To change channels	
AV	To select av input	
REV	Rewind	Rewind
PLAY	Play	Play
FWD	Fast forward	Fast forward
STOP	Stop	Stop
PAUSE	Pause picture	Pause picture
REC	Record	

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Programming the remote control

Automatic code search

This method can be used to automatically find the most appropriate code for your appliance.

1. Switch on the appliance you wish to use the remote control with.
2. Press the relevant button for this appliance on the remote control, and while holding this button down, press the ⏻ standby button until the remote control light comes on. Release the two buttons.
3. Point the remote control at the appliance and press **PLAY**. Wait until the light stops flashing. If the appliance has not gone into standby mode after five seconds, press the **PLAY** button again to continue the search for the next set of codes. Repeat this operation until the appliance goes into standby mode. There are 20 sets of codes.
4. When the appliance goes into standby mode, press the standby ⏻ button on the front to switch it on again. Then press the **REV** button to put it back in standby mode, and if necessary, keep pressing until the appliance goes into standby.
5. Press the **STOP** button and hold it down until the remote control light goes off.

Note: you can cancel the programming operation at any time by pressing the **EXIT** *button.*

Manual programming

This method involves carrying out a manual search for the codes to be used for controlling your other appliances.

1. Switch on the appliance you wish to use the remote control with.
2. Press the relevant button for this appliance on the remote control, and while holding this button down, enter one of the four-digit codes relevant to your make of appliance (there is a list of codes at the end of this manual). If the remote control light flashes you have entered the wrong code or it is not possible to program the remote control.
3. Point the remote control at the appliance and press the relevant button (**VCR** or **DVD**). Press the ⏻ standby button. If the appliance does not go into standby mode, try another code.

Depending on the year of manufacture and the type of appliance, some functions may not be available.

Certain codes may cover more functions than others. Test the functions you can control and, if appropriate, try other codes.

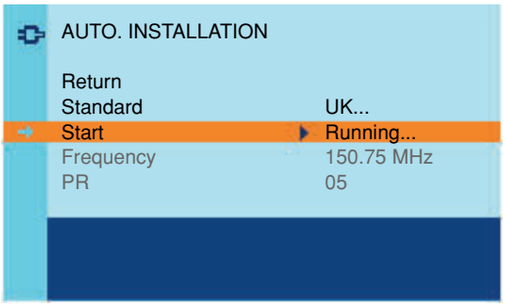
Note here the code(s) which work best.

VCR				
DVD/LD				

When you **change the remote control's batteries**, remember to **reprogram** it.

Chapter 2 Channel set-up

Initial set-up



Initial set-up involves selecting all the settings required to be able to search for and store all the channels you can receive.

Make sure that the television is switched on and follow all the steps in turn specified on this page.

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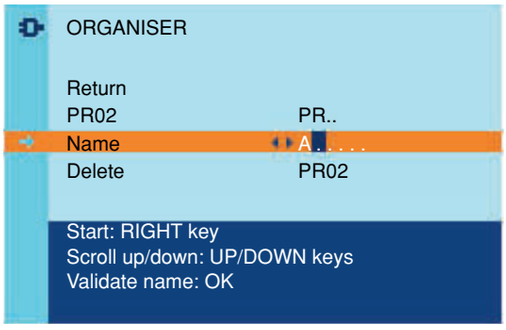
1. When you first switch the TV set on, the **INSTALLATION** menu appears and the **Language** option is selected. Choose which language you want the menus to appear in using the ◄ ► buttons. When you select a language it is applied to the menus immediately.
2. Select the **Auto. Instal.** option using the ▲ button and press **OK** to confirm.
3. The relevant menu appears with the **Standard** option selected. Select a suitable standard using the ◄ ► buttons.
   Note: the following standards are available to choose from: **UK** *for the UK and Ireland,* **FR** *for France and Luxembourg,* **DK** *for Eastern Europe, the Middle East and Asia,* **EURO** *for Western Europe, Australia and New Zealand.*
4. Then select the **Start** option using the ▼ button and press **OK** to start the search. During this time the message "**Running**" appears next to the **Start** option and the **Frequency** and **PR** options appear, informing you of the installation procedure's progress.
   If you press the **EXIT** button before the end of the search the channels already found are stored.

Once the search has ended the **ORGANISER** menu appears (see below).

Organiser



Using this menu you can change the order the channels have been arranged in during automatic set-up, name and rename channels and delete duplicate channels or those with poor reception quality.

Follow the help messages at the bottom of the screen and refer to a TV programme guide to help identify the channels.

Arranging channels in order

Select the first option under **Return**. Display the channel number to be changed on the left using the **PR+/PR-** buttons. The relevant channel appears. Use the numeric or ◄ ► buttons to assign a different number to it. The new channel number appears on the right. Press **OK** to confirm. The new channel number then appears on the left.
Follow the same procedure for the other channels.

Deleting channels

Select the **Delete** option. Display the number of the channel to be deleted using the **PR+/PR-** or numeric buttons. The relevant channel appears. Press the **OK** button for three seconds to delete the channel. Once this channel has been deleted the number of the following channel appears.

Naming or renaming channels

Select the first option under **Return**. Display the number of the channel whose name you want to change using the **PR+/PR-** buttons. The relevant channel appears.
Select the **Name** option and press the ► button to place the cursor on the first character. Using the ▲ ▼ buttons, select a character from the list, which includes letters from the alphabet, numbers between 0 and 9, the characters +,. and space. Go on to the next character or back to the previous character using the ◄ ► buttons and start the procedure again. Press **OK** to confirm. Names can have a maximum of six characters.

Press **EXIT** to close the menu.

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To carry out the automatic set-up procedure again, put the set in standby mode, then press the **VOL-** button on the front of the set and the **MENU** button on the remote control at the same time for five seconds. The set comes on and the installation menu appears.

Manual channel set-up

Follow the procedure given on this page if you find that some channels have not been stored during the initial set-up. This can happen if you are setting up cable network channels. Setting up channels manually requires every setting for a particular channel to be entered, one at a time.

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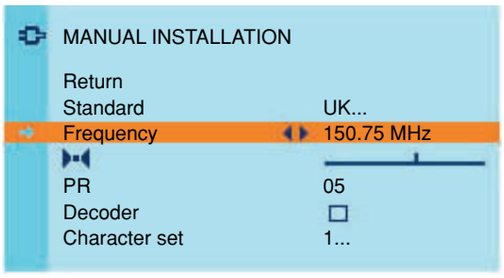

Display the **OVERVIEW** menu by pressing the **MENU** button. Select the **Installation** option and press **OK** to confirm. Select the **Manual Instal.** option from the **INSTALLATION** menu and press **ok** to confirm.

1. Select the Standard option and then the relevant standard for your country using the ◄ ► buttons.
   Note: the following standards are available to choose from: **UK** *for the UK and Ireland,* **FR** *for France and Luxembourg,* **DK** *for Eastern Europe, the Middle East and Asia,* **EURO** *for Western Europe, Australia and New Zealand.*
2. Select the **Frequency** option. Use the ◄ or ► button to start the search in ascending or descending order. When a channel is found pictures appear.
3. If the picture is not clear you can adjust the setting. You do this by selecting the option under **Frequency** and adjusting it with the ◄ ► buttons.
4. If the channel is encrypted and you want to connect a decoder, select the **Decoder** option and check the box by pressing the **OK** button.
5. Then select the **Character set** option and choose the character set that will be used for Teletext on this channel using the ◄ ► buttons. The following character sets are available:
   1 : Western Europe
   2 : Eastern Europe
   3 : Russian and Bulgarian
   4 : Greek
   5 : Arabic
   6 : Ukrainian
   7 : Belarussian
   The character set selected determines how characters are displayed on Teletext screens.
6. Select the **PR** option to assign a number to the channel. Enter the number using the numeric buttons. Press the **OK** button to confirm.

Important: as soon as you change a setting in the **MANUAL INSTALLATION** *menu the channel number starts flashing under the* **PR** *option. To confirm your change you must select the* **PR** *option and press* **OK**. *If you do not confirm the change it will be cancelled when you change channel or put the television into standby mode.*

Repeat this procedure to find other channels.

Chapter 3 Operation

General operation

Switching the TV set on and off

To switch the TV set on, press the ⏻ button located on the front of the set. To switch off the TV set, press this button again.

Standby mode

Press the ⏻ button on the remote control. The TV set remains powered up, but with low energy consumption.

Quitting standby mode

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- press the ⏻ or any numeric button on the remote control,
- press the **TV**, **OK** or **PR+/PR-** buttons to switch the television on at the last channel or AV programme you were watching,
- press the **AV** button to switch the television on at the last AV programme you were watching.

Volume

Volume control: use the **VOL+/VOL-** buttons on the front of the TV set or press the relevant buttons on the remote control to increase or decrease the volume.

Sound mute: press the 🔇 button to temporarily mute the sound. Press this button again or the **VOL+** button to restore it.

Displaying status information

In TV mode, press the yellow button (**INFO**) on the remote control to display the number and name of the channel you are watching, the time, the type of sound and the zoom or format type. If the KidPass function is on, the amount of time left is displayed. If no restrictions are currently applied, 24:00 is displayed.

When you switch on the television or change channels, the number and name of the channel are displayed if you entered its name under the **ORGANISER** menu.

Accessing channels

Using the numeric buttons:
- for channels 1 to 9, press the corresponding button.
- for channels 10 to 99,
    - quickly enter the channel number's two digits, or
    - press the 0 button twice to display "--", then enter the two digits.

Using the **PR+/PR-** buttons: scroll through the channels. Av programmes are not included in the cycle unless you use the buttons on the front of the TV set.

Accessing AV programmes

Press the **AV** button to display the last selected audio-visual programmes and scan through the other audio-visual programmes.

Zoom

In TV mode, you have the option of changing the display format and using the zoom function via the ◄► buttons. The formats and zoom functions vary according to the screen format.

16/9 sets have the following formats and zoom functions available:

4/3 format - picture in 4x3 format

14/9 zoom - picture in 14/9 letterbox format

16/9 zoom - picture in 16/9 letterbox format

16/9 zoom up - picture in 16/9 letterbox format with subtitles

Cinerama - picture in widescreen 4x3 format

16/9 format - picture in 16/9 format

4/3 sets have two formats available: **4/3 format** and **16/9 format**.

When you change channels the format is not retained. However, if you used the zoom function, the setting will still apply.

Adjusting the sound

The settings described on this page are only available with stereo models.

Display the **OVERVIEW** menu by pressing the **MENU** button. Select the **Sound** option and press **OK** to confirm.

The **SOUND** menu appears with the following options:

Treble, **Bass**: adjust these settings as required using the ◄ ► buttons.

Balance: use this setting to balance the sound between the right and left speakers.

Sound type: this option is used to select the appropriate sound type.

Note: the options available depend on the programme you are watching.

The table on this page indicates the sound types available for each type of broadcast.

Auto Vol Level: this function softens loud sound effects. It is particularly useful when you are watching television late at night, for instance.
Check the box to enable this setting by pressing **OK**.

Speakers: the TV set's speakers are enabled by default - the box is checked.
If your appliance is supplied with audio output cinch sockets, you can connect amplified speakers or an amplifier to them (see the "Other information" chapter). You can then get the most out of the sound using all the speakers or by disabling the internal speakers. Uncheck the box to do this, by pressing **OK** to confirm.

Dolby Virtual: check this box by pressing **OK** to enable Dolby Virtual mode. Uncheck the box to disable it. This option is disabled by default.

When Dolby Virtual mode is enabled a control bar is displayed at the bottom of the menu allowing you to adjust the level of the virtual surround effect.

Note: adjusting this setting is only possible if Dolby Virtual sound has been enabled.

Press **EXIT** to close the menu. Select the option **Return** and press **OK** to return to the **OVERVIEW** menu.

Broadcast	Options
Mono	Auto, Mono
Nicam mono	Nicam, Mono
Nicam / IRT stereo	Stereo, Stereo+, Mono
Bilingual Nicam	S1, S2, S3
Bilingual IRT	S1, S2
AV	Stereo, S1, S2

Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

Stereo+ : Enhanced stereo

Adjusting the picture

The **PICTURE** menu can be used to adjust the current settings, to apply preset settings and define your own preferred settings.

Display the **OVERVIEW** menu by pressing the **MENU** button.

Select the **Picture** option and press **OK** to confirm.

The **PICTURE** menu appears. It offers the following options:

Preset: use the ◄ ► buttons to select from the preset settings offered (Standard, Film, Sport, Studio, Personal) the one which suits best the programme you are watching.
The **Personal** option contains the values you have defined for all the settings.

Note: whenever you modify a value, the **Preset** *option displays* **Personal** *and your settings are stored as your new personal settings.*

Brightness, **Colour**, **Contrast**, **Sharpness**: adjust these settings as required using the ◄ ► buttons.
These settings are automatically stored under **Personal** in the **Preset** option.

NTSC Tint: this option is only available for NTSC audio-visual sources. It can be used to adjust the picture's tint.

Rotate picture: this option is only available with some models. It can be used to compensate for the effects produced by the earth's magnetic field and achieve a perfectly aligned horizontal picture.

Press the ► button to rotate the picture clockwise, and the ◄ button to rotate it in the opposite direction.

Press **EXIT** to close the menu. Select the option **Return** and press **OK** to return to the **OVERVIEW** menu.

In TV mode you can press the red button to access directly the list of preset settings. You can then select a preset setting by pressing the ◄ ► buttons. Press **EXIT** to close the menu.

Operation

Setting the time

The **TIME** menu can be used to set the time on the TV set and program the automatic sleep timer or wake-up timer functions.

Display the **OVERVIEW** menu by pressing the **MENU** button. Select the **Time** option and press **OK** to confirm.

Setting the time

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1. Select the **Time ref. PR** option.
2. Enter the number of the channel which the time will use as a reference point, or select it from the list using the ◄► or **PR+/PR-** buttons. The time is displayed after a few seconds if it is available on the selected channel.
   the setting -- is automatically selected under the **Time ref. PR** option.

   If the time is not provided by the channel selected under the **Time ref. PR** option, this means the time is not set. To set the time manually, select the **Time** option and enter the time using the numeric or ◄► buttons. In this case, the setting -- is automatically selected under the **Time ref. PR** option.

   Note: if the power supply is disrupted (i.e. the set is switched off using the on/off button or unplugged, or there is an electrical fault), the time will disappear if it has been entered manually. You must reset it. We therefore recommend you find the time on a channel and check that it is correct.

Once the time has been set you can use the **Wake up timer** and **KidPass** functions.

Programming the sleep timer

1. Select the **Sleep timer** option.
2. Set an automatic shut-off time (from 0 to 4 hours in 15-minute intervals) by using the ◄► buttons. Set the time to 00:00 to disable this function.

Programming the wake-up timer

This function can be used to set the time for the set to come on, for instance, for the television to wake you up.

1. Select the **Wake up timer** option and press **OK** to check the box, which enables this function and provides access to the relevant options.
   Note: the volume at wake-up will be set at the same level as when you enabled this function.
2. Under the **Wake up time** option enter the wake-up time using the numeric or ◄► buttons.
3. Under the **Wake up PR** option enter the number of the channel you want to wake you using the ◄► or numeric buttons.
   Note: if you have programmed a wake-up and are not there when the appliance comes on, it will automatically switch off after two hours if no activity using the buttons on the front of the set or the remote control has been detected.

Parental control

The parental control functions allow you to limit your children's access to the television. This means that you can set a maximum time for your TV to operate every day using the KidPass function and/or lock the buttons located on the front of the TV set. These functions are protected using a PIN code.

Accessing the KIDPASS menu

1. Display the **OVERVIEW** menu by pressing the **MENU** button. Select the **KidPass** option and press **OK** to confirm. The **PIN CODE** menu appears.
2. If a PIN code has not been set, enter a four-digit code. On the screen the numbers are replaced by asterisks.
   Note: choose a code that will be easy enough for you to remember.
3. Enter your code again to confirm it, then once more to access the **KIDPASS** menu.

After this, if just one of the functions limiting access is active, you will not be able to access the **KIDPASS** menu until you have entered your PIN code.

Defining the conditions for access

You can set a maximum duration for the TV to operate for at least one day of the week.

Note: the time and date must be set on the TV set for the KidPass function to work.

1. Select the **Weekly sched.** option under the **KIDPASS** menu and press **OK** to confirm. The **WEEKLY SCHEDULE** menu then appears.

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2. Select the **Current day** option and use the ◄► buttons to select the current day from the list. Once a day has been selected the other menu options appear. You can then set a maximum duration for the TV to operate for every day of the week.
3. Select each of the options in turn and use the ◄► buttons to select **Free** or select a time from 30 minutes to 16 hours in 30-minute intervals.

Note: the conditions for access you define are valid every week until you change them.

4. Select the **Return** option and press **OK** to confirm and return to the **KIDPASS** menu.
5. Check the **KidPass** box by pressing **OK** to enable the KidPass function and immediately start the countdown if an access restriction has been set for that day. The **INSTALLATION** and **TIME** menus are also locked.

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To disable the KidPass function, you must uncheck the **KidPass** option in the **KIDPASS** menu. Any operating times which may have been entered in the **KIDPASS SCHEDULE** menu are retained, but have no effect

Locking the buttons on the front of the TV set

1. Select the **Lock fr. panel** option from the **KIDPASS** menu and press **OK** to check the box.
2. The buttons on the front of the TV set will be locked, as well as the **INSTALLATION** and **TIME** menus. In this case, the remote control will be required to operate the television.

To cancel the lock function, press **OK** to uncheck the box.

Changing the PIN code

1. Select the **New PIN code** option from the **KIDPASS** menu and enter a new four-digit code using the numeric buttons on the remote control.
2. Enter the code again to confirm it.

Select **Return** and press **OK** to confirm to return to the **OVERVIEW** menu. Press **EXIT** to close the menu.

Operation (TV mode)

As soon as a function limiting access is enabled, you have to enter your PIN code:
- to be able to access the **KIDPASS** menu
- to be able to access the **TIME** menu via **OVERVIEW** or by pressing the green button
- to be able to access the **INSTALLATION** menu.

To unlock the **TIME** and **INSTALLATION** menus you have to disable the two functions limiting access.

There are various scenarios possible when you check the **KidPass** box to enable the KidPass function:

- If a time limit has been allocated for the current day the countdown starts from the first time the television is switched on that day. Press the **INFO** button (yellow) to find out the amount of time available.
- Once the time limit has run out the TV set automatically goes into standby mode. When this happens:
  - If a wake-up was programmed for that day it will not be able to come on.
  - If the TV set is switched on again the **PIN CODE** menu appears against a grey background and the sound is muted.
  - If the power supply has been disrupted (i.e. the set is switched off using the on/off button or unplugged, or there is an electrical fault), when you switch the TV set on again the **PIN CODE** menu appears against a grey background and the sound is muted. In this case, you have to enter your PIN code to be able to watch television and access the menus.

- If the time limit has not run out, but the power supply is disrupted (i.e. the set is switched off using the on/off button or unplugged, or there is an electrical fault) and the time and/or day are not available, the KidPass function can no longer operate. When you switch the TV set on again the **PIN CODE** menu appears against a grey background and the sound is muted. You then have to enter your PIN code. The **TIME** menu appears for you to set the time (see "Setting the time" on page 10) and provide access again to the **KidPass** and **KidPass sched.** options.

- If the time and/or day are not available the KidPass function can no longer operate. When you switch on the TV set you will be prompted to enter your PIN code and set the time, even if you selected the **Free** option that day.

Note: if you have forgotten your PIN code you can cancel it. You do this by putting the TV set into standby mode, then pressing the **EXIT** *button on the remote control and the* **VOL-** *button on the front of the set at the same time for five seconds. The TV set will then come on. If just one of the functions limiting access is active you will be requested to set a new password.*
This procedure is possible, even if you have locked the buttons on the front of the TV set.

Operation

Teletext

The Teletext service is available in many countries under a variety of names (TOP Text, Fastext, FLOF text, Videotext). It is provided as a free service by television broadcasters. This service provides a real wealth of information, available at any time, on weather, sports results, news, games, etc. The information is presented in pages or organised in topics specified in colour on the screen and you can access this information by simply pressing the buttons of the relevant colour on the remote control.

Accessing Teletext

Press the **TEXT** button on the remote control. Teletext will display the last page selected, or if you have changed channel, the index page (usually 100).

To display a page, enter its 3-digit number or use the **PR+/PR-** buttons. The page appears after a few moments.

Navigation bar

The navigation bar, located at the bottom of the screen, provides access to the next three pages and the previous page by pressing the relevant colour button on the remote control.

Press the **MENU** button to display the navigation bar and access the following functions:

STOP: this function is used to stop pages from following on in succession. Press the red button to select this function. The word **STOP** appears in place of the page number.
Press the red button again to allow the pages to follow on again.

??? (hidden answers): press the green button to reveal a hidden answer (for example, in games). Press the green button again to hide the answer.

ZOOM: press the yellow button: once to zoom in on the top part of the screen, a second time to zoom in on the bottom part of the screen and a third time to return to normal display.

MIX (mixed display): press the blue button to display Teletext against a transparent background. Press this button again to return to normal display.

Changing the character set temporarily

You can change the character set used for Teletext, if the existing one is not suitable for the channel you are watching. You do this by pressing the **MENU** button to display the navigation bar. Then press **OK** to display the number of the character set currently being used in place of **???.** Use the green button to select another character set.

The character est selected in the **INSTALLATION** menu is restored when the TV set is switched off or enters standby mode, or when you change channels.

In Teletext mode the volume control and sound mute functions are still available.

Press the purple, **EXIT** or **RETURN** button to quit the Teletext function.

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Other Teletext functions

Newsflash

When a newsflash is detected, **MIX** is replaced by **N** in the navigation bar. Press the blue button to display the newsflash. In the case of an update, the Teletext function is enabled and displays the new information.

This function is disabled if the TV set enters standby mode or is switched off.

Press the **EXIT** or **RETURN** button to quit the Teletext function.

Subtitles

Some channels provide subtitles for some of their programmes. The number of the relevant pages is specified on the Teletext index page.

To display subtitles, enable the Teletext function, find the number of the page displaying the subtitles and enter it. Once the relevant page is found, the subtitles appear in the TV picture. The navigation bar disappears after a couple of seconds. To display the top bar, press the purple (**TEXT**) button.

Press the **EXIT** or **RETURN** button to quit the Teletext function.

Direct access to subpages

Some information is spread across more than one page. To access subpages, press the ◄ or ► button. "---" appears beside the page number. Enter the subpage number using the numeric buttons.

To exit this mode allowing direct access to subpages, display a new page, press the ◄ or ► button, or change channels.

Alarm page

In some countries (Spain, Benelux, etc.), you can set a time to display certain Teletext pages (alarm pages).

To do this, display the relevant alarm page and enter subpage mode. Enter the time instead of the subpage number (e.g. 1705 for 17:05) and press **EXIT**. The page will disappear and will appear again at the set time, as long as you do not change channels or switch off the TV beforehand.

Fastext

If Fastext is available, direct access to previous and subsequent pages is replaced by coloured bars (red, green, yellow and blue), which provide links to the topics you can access by pressing the relevant colour button. Other topics accessible in the same way can also be displayed. Press the **MENU** button to go from these links to the navigation bar.

Chapter 4 Other information

Sockets

AV1 SCART socket (input-output) at the back of the TV set.
This socket can be used to connect a range of equipment, including video recorders, camcorders (VHS, S-VHS, 8-mm or Hi 8), decoders, satellite receivers, DVD players, games consoles or appliances producing an RGB signal.
For S-VHS and Hi 8 equipment select AV1S.

AV2 SCART socket (input-output) at the back of the TV set.
This socket can be used to connect a range of equipment, including video recorders, camcorders (VHS, S-VHS, 8-mm or Hi 8), decoders, satellite receivers, DVD players or games consoles. It can also be used to connect Home Cinema system using a Scart-CINCH cable.
For S-VHS and Hi 8 equipment select AV2S.

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Audio and video CINCH sockets (input) at the front or side of the TV set.
These can mainly be used to connect camcorders (VHS or 8-mm format). Select the relevant AV programme (AV1, AV2, or AV3).

S-video socket ( ) and audio CINCH sockets (input) at the front or side of the TV set.
These can mainly be used to connect camcorders (S-VHS or Hi 8 format). Select the relevant AV programme (AV1S, AV2S, or AV3S).

Note: the names of sockets may vary according to the TV set model.

Audio CINCH sockets (output) at the back of the TV set.
These can be used to connect a stereo amplifier, a hi-fi system or amplified speakers (see below).

To display images using the appliance connected, use the **AV** button on the remote control. For some appliances (connected to the SCART sockets), this selection is made automatically. If the appliance is connected to the S-video socket, select the relevant AV1S, AV2S, AV3S AV programme.

Connecting active speakers or an amplifier

The audio CINCH sockets located at the back of the TV set can be used to connect active speakers (with a built-in amplifier) or an amplifier.
Connect the left speaker to CINCH socket L and the right speaker to CINCH socket R.

To connect an amplifier, you should connect the TV set's left CINCH L and right CINCH R sockets to the amplifier's L and R inputs.

To connect a subwoofer, use the SUB-WFR socket at the back of the TV set.

Connecting headphones

Use the relevant socket on the front of the TV set to connect headphones or stereo earphones.

Connecting a video recorder

To obtain optimum picture quality, use a SCART cable. However, you can also connect a video recorder to the television using the aerial socket.

Refer to the diagram on the inside cover at the end of the manual, which illustrates how this is done.

If you connect a video recorder only via the aerial socket (without using the SCART socket), switch it on and play a tape. Then search for the video recorder's relevant channel (refer to the relevant section).

If you connect a video recorder via the aerial socket, you should assign channel 99 to it in order to improve the picture quality when tapes are being played and in pause mode. However, we recommend you connect your video recorder via the SCART socket, as it provides better picture and sound quality.